

Listing of Claims

1. (Currently amended) A media for receiving jetted ink, comprising a support bearing a predetermined array of three dimensional cells composed of hydrophobic cell walls and having a hydrophilic base, the cell walls being composed of a material capable of being fused subsequent to printing at a temperature of less than 100°C to provide an overcoat layer.

2. (Original) The media of claim 1 wherein the predetermined array is a regular pattern.

A1  
3. (Original) The media of claim 1 wherein the predetermined array is not a regular pattern.

4. (Original) The media of claim 1 wherein the plan cross section of the cells parallel to the support is circular.

5. (Original) The media of claim 1 wherein the plan cross section of the cells parallel to the support is one leaving substantially no space between cells.

6. (Original) The media of claim 5 wherein the plan cross section of the cells parallel to the support is rectangular, square, hexagonal, or rhomboidal.

7 -9 (Withdrawn)

10. (Canceled)

11 - 19 (Withdrawn)

A2  
20. (Original) The media of claim 1 wherein the volume of the cell walls is sufficient to provide, upon fusing, an average overcoat thickness of at least 1µm.

3

21. (Original) The media of claim 1 wherein the hydrophobic cell walls comprise a condensation polymer or an addition polymer.

22. (Original) The media of claim 21 wherein the cell walls comprise a polymer or copolymer containing polyesters, polyamides, polyurethanes, polyureas, polyethers, polycarbonates, and poly acidanhydrides.

A2  
23. (Original) The media of claim 21 wherein the cell walls comprise a polymer or copolymer formed from allyl compounds, vinyl ethers, vinyl esters, vinyl heterocyclic compounds, styrenes, olefins and halogenated olefins, unsaturated acids and esters derived from them, unsaturated nitriles, vinyl alcohols, acrylamides and methacrylamides, vinyl ketones, multifunctional monomers, or copolymers formed from various combinations of these monomers.

24 - 25 (Canceled)

26 - 31 (Withdrawn)

32. (Re-presented --formerly dependent claim # 7) A media for receiving jetted ink, comprising a support bearing a predetermined array of three dimensional cells composed of hydrophobic cell walls and having a hydrophilic base, the cell walls being composed of a material capable of being fused subsequent to printing to provide an overcoat layer, in which the cells are bonded to a hydrophilic layer.

A3  
33. (Re-presented --formerly dependent claim # 26) A process for forming an image comprising imagewise jetting an ink onto ~~the media of claim 1~~ a media for receiving jetted ink, comprising a support bearing a predetermined array of three dimensional cells composed of hydrophobic cell walls and having a hydrophilic base, the cell walls being composed of a material capable of being fused subsequent to printing and thereafter fusing the cell walls of the media.